
EVALUATED NUCLEAR STRUCTURE DATA FILE AND RELATED PRODUCTS

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The Evaluated Nuclear Structure Data File (ENSDF) is a leading resource for the experimental nuclear data. It is maintained and distributed by the National Nuclear Data Center, Brookhaven National Laboratory. The file is mainly contributed to by an international network of evaluators under the auspice of the International Atomic Energy Agency. Current membership of the network includes scientists from Australia, Argentina, Belgium, Brazil, Bulgaria, Canada, China, France, India, Japan, Kuwait, Russia and the United States.

The ENSDF is updated, generally by mass number, i.e., evaluating together all isobars for a given mass number. If, however, experimental activity in an isobaric chain is limited to a particular nuclide then only that nuclide is updated. The evaluations are published in the journal Nuclear Data Sheets, Academic Press, a division of Elsevier.

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